

Supplementary Figure Legends

Supplementary Figure 1. Characterization of virus induced DCs

A. Human PBMCs were infected for 6 h with IAV infection at indicated MOI and stained with PI, anti-CD14 and anti-HA. Plots represent gated CD14⁺ monocytes.

B. Quantitative real time PCR analysis of IAV infected monocytes after 6 h at indicated MOI.

C. Cytometric bead array assay for GM-CSF production by purified monocytes with IAV infection at 18 h p.i. with indicated MOI.

D. Surface CD83, CD141, or CD209 and intracellular CLEC9A by purified monocytes after 18 h post IAV infection at a MOI of 10 or 18 h post 800 U/ml of GM-CSF plus 500 U/ml IL-4 treatment. Shaded and open histograms represent isotype and specific antibody staining, respectively.

E. Gene expression of blood CD141⁺ DC subset-related XCR1, IRF8, BATF3 and TLR3 as well as monocyte lineage-related TLR4, TLR2, TLR7 and MAFB in monocytes after 6 h post IAV infection at a MOI of 10 vs. uninfected sample by microarray technology.

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